



**OMEGA TYPE ETB-248** Experimental Training Board has been designed specifically to study the Logarithmic Amplifiers Design & Test (using-741 Op-Amp.)

The board is absolutely self contained and requires no other apparatus.

Practical experience on this board carries great educative value for Science and Engineering Students.

#### OBJECT:-

01 To Design operational amplifier based Logarithmic Amplifier.

#### FEATURES

The board consists of the following built-in parts :

- 01 0-10V D.C. at 50mA, continuously variable Power Supply
- 02  $\pm 15V$  DC at 50mA, IC Regulated power supply
- 03 Digital Voltmeter DC  $3\frac{1}{2}$  Digit Having Dual range of 200mV / 20V.

- 04 Adequate no. of other electronic components
- 05 Mains ON/OFF switch, Fuse and Jewel light.
- 06 The unit is operative on 230V AC  $\pm 10\%$  at 50Hz.
- 07 Adequate no. of patch cords 4mm length 50cm.
- 08 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms.
- 09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

- 10 Weight : 2.600 Kg. (Approx.)
- 11 Dimension : W 340 x H125 x D 210

#### OTHER APPARATUS REQUIRED :

- 01 Dual trace CRO 20MHz OMEGA TYPE CRO-20

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

## OMEGA ELECTRONICS

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